Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 02 Apr 2023 until 23:59 on Monday 03 Apr 2023

Forecast Issued on Saturday 01 Apr 2023 at 15:27

Confidence: High confidence for a change to settled, drier and sunnier conditions on Sunday. Some uncertainty in the timing of frontal systems moving in from the west by midweek.

Headline for Sunday 02 Apr 2023: Becoming drier and brighter, after a cloudy start, with lengthy spells of sunshine developing. Windy and feeling cold on the hill tops.

Mountain weather hazards on Sunday 02 Apr 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG							
Fog	Cloudy	Sunny	Sunny	Sunny	Sunny	Clear night	Clear night
Precipitation probability							
10%	10%	<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Sunday 02 Apr 2023

Weather: Extensive low cloud, mist and fog overnight and early morning will soon thin and break to give some bright or sunny spells by mid-morning. Staying dry throughout, with lengthy spells of sunshine during the afternoon and early evening. Dry with clear skies after dark and turning chilly.

Chance of cloud-free hill tops above 600m: 20% during the morning, increasing to 100% by mid-morning.

Low Cloud and visibility: Extensive low cloud, with bases down to 200-300m overnight and early morning, with very poor visibility on the summits. Low cloud lifting to above the summits by mid-morning, with visibility becoming very good or excellent, with distant hills clearly visible.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Sunday 02 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/15 NE	10/14 NE	11/18 NE	11/16 NE	8/13 E	8/12 E	8/15 E	7/14 E	9/18 SE
300	7/15 NE	8/14 NE	9/18 NE	8/15 E	6/11 E	7/12 E	7/14 E	6/14 E	5/12 SE
Valley	6/13 NE	7/14 NE	7/13 NE	7/12 E	4/8 E	4/9 E	6/12 E	8/18 E	8/18 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-2	2/-3	0/-4	2/-3	4/1	5/2	3/0	0/-3	-1/-5
300	5/2	4/1	3/-0	5/2	8/6	8/7	6/4	2/-0	0/-2
Valley	6/4	6/3	5/2	7/5	10/9	11/10	8/7	4/1	2/-1
Freezing Level*	1000m	800m	600m	600m	700m	800m	800m	500m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Good navigation skills will be required for those venturing onto the tops and high moors early on Sunday morning, although conditions improving by mid-morning. Also, note the added wind chill on the summits due to the strong easterly wind blowing.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 31 Mar 2023	2.4mm	17.8mm	21.6mm

Forecast for Monday 03 Apr 2023

Weather: Dry, clear and cold overnight, with a fairly widespread frost. Otherwise, it will be dry with plenty of sunshine throughout the day. Despite the sunshine it will feel chilly on the summits due to the wind. Staying dry, clear and cold after dark, with winds easing.

Maximum wind: East or southeasterly 15-20mph, with occasional gusts up to 25-30mph, on the summits. Winds easing later in the day, down to 5-10mph.

Chance of cloud-free hill tops above 600m: 100% throughout.

Low Cloud and visibility: Very good visibility throughout, with excellent views of distant hills. Any cloud bases will be above the summits.

Temperature: **Valleys:** Minus 1 Celsius, becoming Plus 11 Celsius.
At 600m: Minus 3 Celsius, becoming Plus 5 Celsius.
Freezing level: Above the summits.

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